

Product datasheet for **RR204538L4V**

Yars2 (NM_001009627) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Yars2 (NM_001009627) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Yars2
Synonyms:	CGI-04; RGD1311696
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001009627
ORF Size:	1413 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204538).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001009627.1 , NP_001009627.1
RefSeq Size:	1588 bp
RefSeq ORF:	1416 bp
Locus ID:	287924
UniProt ID:	Q5I0L3
Cytogenetics:	11q23
Gene Summary:	Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr). [UniProtKB/Swiss-Prot Function]



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